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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Dnyanesh Talpade

Appln. No.: 10/008,380

Filed : November 13, 2001

For : IMPEDANCE-MATCHING APPARATUS
AND CONSTRUCTION FOR
INTRAVASCULAR DEVICE

Docket No.: S13.12-116

Group Art Unit: 3737

Examiner: William C.
Jung

RESPONSE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

14th DAY OF December, 2004
Christopher Z. Holt
PATENT ATTORNEY

Sir:

This is in response to the Office Action mailed on October 5, 2004. Claims 1-38 were pending in that action and all claims were rejected. With this response, all claims remain unchanged.

A. The First Rejection

On page 2 of the Office Action, the Examiner rejected claims 1-10, 13-16, 18-22, 24-28 and 29-38 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,675,033 to Lardo et al. (hereinafter referred to as "the Lardo reference").

1. Claims 1,2 and 7-9

In rejecting claims 1, 2 and 7-9, the Examiner pointed to the Lardo reference specifically at column 4, lines 10-40; column 6, lines 5-23; and column 6, lines 50-60. It is respectfully submitted that neither the cited passages nor any other portion of the Lardo reference teach or suggest the elements of these rejected claims.

The Lardo reference does disclose an antenna assembly comprising a probe shaft including a core, a first